Listing of Claims:

1. **(Currently Amended)** An isolated DNA ~~involved in the regeneration ability of plants, wherein the DNA is~~ selected from the group consisting of:

(a) a DNA encoding a protein comprising the amino acid sequence of SEQ ID NO: 3; and

(b) a DNA comprising a coding region of the nucleotide sequence of SEQ ID NO: 1 or 2~~;~~

~~(c) a DNA encoding a protein comprising an amino acid sequence with one or more amino acid substitutions, deletions, additions, and/or insertions in the amino acid sequence of SEQ ID NO: 3; and~~

~~(d) a DNA that hybridizes under stringent conditions with a DNA comprising the nucleotide sequence of SEQ ID NO: 1 or 2~~.

2. **(Canceled)**

3. **(Currently Amended)** An isolated DNA comprising a promoter region and a coding region of the nucleotide sequence of SEQ ID: 1 or 2.

4. **(Currently Amended)** A vector comprising the DNA of claim 1 ~~or 2~~.

5. **(Original)** A vector comprising the DNA of claim 3.

6. **(Original)** A host cell carrying the vector of claim 4.

7. **(Original)** A plant cell carrying the vector of claim 4.

8. **(Original)** A plant transformant comprising the plant cell of claim 7.

9. **(Original)** A plant transformant that is a progeny or a clone of the plant transformant of claim 8.

10. **(Currently Amended)** A propagation material of the plant transformant of claim 8 or 9, wherein the propagation material retains a DNA encoding a protein comprising the amino acid sequence of SEQ ID NO:3 in the expressible manner.

11. **(Currently Amended)** A method for producing a plant transformant, wherein the method comprises the steps of introducing the DNA of claim 1 ~~or 2~~ into a plant cell, and regenerating a plant from said plant cell.

12. **(Currently Amended)** ~~A~~ An isolated protein comprising the amino acid sequence of SEQ ID NO:3 ~~encoded by the DNA of claim 1 or 2~~.

13. **(Currently Amended)** A method for producing a ~~the~~ protein comprising the amino acid sequence of SEQ ID NO:3 ~~of claim 12~~, wherein the method comprises the steps of culturing the host cell of claim 6, and collecting a recombinant protein from said cell or the culture supernatant thereof.

14. **(Currently Amended)** An isolated antibody that binds to the protein of claim 12.

15. **(Canceled)**

16. **(Currently Amended)** A method for increasing the regeneration ability of a plant, wherein the method comprises the step of expressing the DNA of claim 1 ~~or 2~~ in a cell of a plant.

17. **(Currently Amended)** An agent for altering the regeneration ability of a plant, wherein the agent comprises a ~~the~~ DNA encoding a protein comprising the amino acid sequence of SEQ ID NO:3 ~~of claim 1 or 2~~, or the vector of claim 4 as an active ingredient.

18. **(Currently Amended)** A method for determining the regeneration ability of a plant cell, wherein the method comprises the step of detecting the expression of a ~~the~~ DNA of claim 1 or a ~~the~~ protein comprising the amino acid sequence of SEQ ID NO:3 ~~of claim 12~~ in the plant cell.

19. **(Currently Amended)** A method for determining the regeneration ability of a plant cell, wherein the method comprises the step of detecting the activity of a ~~the~~ protein comprising the amino acid sequence of SEQ ID NO:3 ~~of claim 12~~ in the plant cell.

20. **(Currently Amended)** A method for improving the regeneration ability of a plant, wherein the method comprises the step of regulating the activity of an ~~the~~ endogenous protein comprising the amino acid sequence of SEQ ID NO:3 ~~of claim 12~~ in the plant.

21. **(Currently Amended)** A method for selecting a transformed plant cell, wherein the method comprises the steps of:

(a) introducing a plant cell with a vector comprising the DNA of claim 1 ~~or 2~~ as a selection marker; and

(b) culturing the plant cell and selecting plant cells that have acquired regeneration ability.

22. **(Currently Amended)** A method for altering the regeneration ability of a plant, wherein the method comprises the step of substituting the endogenous DNA of claim 1 ~~or 2~~ in a plant by crossing.